

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for accessing the Internet using an Internet TV in an Internet TV system comprising the Internet TV, in which a function of accessing the Internet and a function of receiving a TV broadcast are combined, ~~with each other~~ and a server for operating a portal site ~~for providing various which provides information items (a portal server)~~ to the Internet TV, the method comprising ~~the steps of:~~

transmitting a message ~~for from the Internet TV to the server~~ requesting the authentication of the ~~for~~ use of information ~~to the portal server;~~

transmitting a message from the server requesting an authentication number from the Internet TV to input an authentication number;

transmitting the requested authentication number from the Internet TV to the portal server; ~~and if the authorization number is available, checking a validity of the transmitted authentication number, to thus provide and providing~~ information to the Internet TV if it is determined that the authorization is valid; and

requesting a new authentication number from the server if the authentication number is not available, registering a user in accordance with information collected by the server,

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receiving a new authentication number from the server, and providing information to the Internet TV.

2. (Currently Amended) A method for accessing the Internet using an Internet TV, comprising ~~the steps of:~~

(a) ~~transmitting a message for requesting authentication of the for use of~~ information to a portal server, ~~to thus be requested by~~ and transmitting a response from the portal server ~~to transmit requesting transmission of~~ an authentication number when the Internet TV is turned on;

(b) ~~determining whether the state of the Internet TV is default;~~

(c) ~~determining whether if~~ the authentication number requested by the portal server ~~exists is available~~ and transmitting the ~~corresponding~~ authentication number to the portal server ~~when if~~ the requested authentication number exists is already available, and determining an authentication number based on additional information collected by the portal server and transmitting the authentication number to the Internet TV for storage if the authentication number is not already available; and

(d) ~~receiving (c) transmitting~~ information from the portal server to the Internet TV.

3. (Currently Amended) The method of claim 2, further comprising ~~the steps of:~~
determining if the Internet TV is in a default state;
requesting the portal server to search ~~the~~ for an authentication number
corresponding to the Internet TV when the Internet TV is in ~~the~~ a default state;
inputting user information requested by the portal server; and
receiving the requested authentication number and storing the received
authentication number in a memory device.

4. The method of claim 2, further comprising ~~the steps of:~~
if the authentication number is not available, requesting the portal server to
provide a new authentication number with respect to the use of information ~~when the requested~~
~~authentication number does not exist as the result of determining whether the authentication~~
~~number requested by the portal service exists;~~
~~registering a user in accordance with the user registration form requested by the~~
~~portal server;~~ and
receiving ~~the~~ a new authentication number ~~requested by~~ from the portal server
and storing the authentication number in ~~the~~ a memory device.

5. (Currently Amended) The method of claim 2, wherein ~~the step (d)~~ (c) comprises the steps of:

~~(d1) receiving the result of (c1) examining the authentication number, which is transmitted from the portal server; and~~

~~(d2) (c2) receiving information from the portal server when it is determined from the received examination result of the authentication number that the authentication number is a normal authentication number.~~

6. (Currently Amended) The method of claim 5, further comprising the steps of:
~~inputting the providing~~ user information requested by the portal server when it is determined from the ~~received examination result of the authentication number~~ that the authentication number is not ~~the a~~ normal authentication number; and

receiving ~~the an~~ authentication number transmitted from the portal server and storing the received authentication number in ~~the a~~ memory device.

7. (Currently Amended) A method for accessing the Internet using an Internet TV, comprising the steps of:

(a) requesting a portal server to ~~input~~ obtain an authentication number when the portal server receives an access request message from an Internet TV with respect to the use of

information, wherein the authentication number is established based on additional information collected by the portal server after the portal server receives the access request message if the authentication number is not provided by the Internet TV; and

(b) providing information to the Internet TV ~~according in response~~ to the received message ~~according to the~~ access request message.

8. (Currently Amended) The method of claim 7, wherein, ~~in the step (a), when a message is not the access request message received from the Internet TV, the portal server is~~ remains in a stand-by state ~~and waits waiting for the an~~ access request message ~~again~~.

9. (Currently Amended) The method of claim 7, further comprising ~~the steps of:~~
requesting the Internet TV to ~~input the~~ provide user information when the received access request message ~~is for requesting requests~~ the portal server to search ~~the for an~~ authentication number; and

determining whether ~~the a~~ user is registered in a database when the user information is received ~~as a result of the portal server requesting the Internet TV to input the~~ user information, to thus transmit the and transmitting an authentication number if the user is registered.

10. (Currently Amended) The method of claim 9, comprising ~~the steps of:~~
requesting the Internet TV to ~~input the~~ provide user information when it is
determined that ~~the a~~ user is not registered in the database; and
assigning ~~the a~~ new authentication number to the Internet TV when the user
information is received ~~as a result of the portal server requesting the Internet TV to input the~~
~~user information~~ and transmitting the assigned authentication number to the Internet TV.
11. (Currently Amended) The method of claim 7, further comprising ~~the steps of:~~
checking ~~the for an error of in~~ the authentication number when the received
access request message ~~is a requested~~ includes an authentication number;
determining whether the user is registered in ~~the a~~ database when ~~the an~~ error is
not ~~generated as a result of checking the error of detected in~~ the authentication number; and
providing information to the Internet TV according to whether a user fee is paid
when it is determined that the user is registered in the database.
12. (Currently Amended) The method of claim 10, wherein the error is checked using
a [[']]check sum[[']] method.

13. (Currently Amended) The method of claim 10, further comprising ~~the steps of:~~
transmitting an error message when an error is ~~generated~~ detected in the
authentication number ~~as a result of checking the error of the authentication number;~~
requesting the Internet TV to ~~input the~~ provide user information, ~~to thus~~
~~determine and determining~~ whether the user is registered in the database; and
transmitting ~~the a~~ corresponding authentication number when it is determined
~~whether that~~ the user is registered in the database.

14. (Currently Amended) The method of claim 10, further comprising ~~the steps~~
~~of: requesting the Internet TV to input the user information when it is determined that the user is~~
~~not registered in the database; and registering the user in the database and providing information~~
to the Internet TV when the user information is received ~~as a result of the portal server~~
~~requesting the Internet TV to input the user information.~~

15. (Currently Amended) The method of claim 10, further comprising ~~the step of:~~
determining whether a user fee is paid; and
transmitting a message ~~for to the Internet TV~~ informing that the user fee is not
paid ~~to the Internet TV when the fee is not paid as a result of determining whether if it is~~
determined that the user fee is not paid.

16. (Currently Amended) The method of claim 7, further comprising ~~the steps of:~~
requesting the Internet TV to ~~input~~ provide the user information when the
received access request message ~~is for requesting requests~~ the portal server to provide ~~the a~~ new
authentication number; and

registering the user, assigning ~~the a~~ new authentication number to the Internet TV,
and transmitting the ~~assigned new~~ authentication number when the user information is received
~~as a result of the portal server requesting the Internet TV to input the user information.~~

17. (New) The method of claim 1, further comprising:
requesting the server to provide a new authentication number if the authentication
number is not available in a memory device of the Internet TV;

registering a user in accordance with user information requested by the server; and
transmitting a new authentication number from the server to the Internet TV and
storing the new authentication number in a memory device of the Internet TV.

18. (New) The method of claim 1, wherein checking a validity of the transmitted
authentication number comprises:

checking for an error in the authentication number; and

accessing user information in a database if an error is not detected in the authentication number; and

providing information to the Internet TV regarding user fees if the user information indicates that a user is registered.

19. (New) The method of claim 18, further comprising:

transmitting an error message when an error is detected in the authentication number;

requesting user information from the Internet TV and determining whether the user is registered in the database; and

transmitting a corrected authentication number if the user is registered in the database.

20. (New) The method of claim 1, further comprising determining if the Internet TV is in a default state.

21. (New) The method of claim 1, further comprising storing the new authentication number in a memory device of the Internet TV.

22. (New) The method of claim 4, further comprising registering a user in accordance with a user registration form requested by the portal server.

23. (New) The method of claim 7, wherein the authentication number is accessed from a memory device of the Internet TV if the authentication number is provided by the Internet TV.